



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brian Leyland-Jones

Application No.: 10/072,611

Group Art Unit: 1641

Filed: February 8, 2002

Examiner: C.J. Cheu

Confirmation No.: 1456

Title: MULTIPLE DETERMINANTS FOR METABOLIC PHENOTYPES

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
03/22/04	Kelley C. Starr
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☐ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☐ the enclosed English language abstract.

☐ Applicant requests that the following published pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. 10/087,996, by inventor Brian Leyland-Jones, filed February 28, 2002, Docket No.: 3298.1003-000

\_\_\_\_ U.S. Patent Application No. 10/135,185, by inventor Brian Leyland-Jones, filed April 29, 2002, Docket No.: 3298.1013-000

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Dated: March 22, 2004

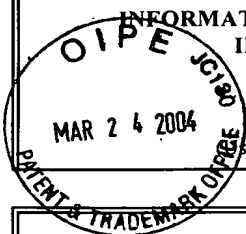
PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
3298.1001-000APPLICATION NO.  
10/072,611INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

March 22, 2004

FIRST NAMED INVENTOR  
Brian Leyland-JonesFILING DATE  
February 8, 2002EXAMINER  
C.J. CheuCONFIRMATION NO.  
1456GROUP  
1641

Use several sheets if necessary)



## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	5,830,672	11-03-1998	Wainer <i>et al.</i>

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
	AL	WO 00/55624 A2	09-21-2000	Brian Leyland-Jones	
	AM	EP 0921396 A2	06-09-1999	Pfizer Products Inc.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Tang, B.K., <i>et al.</i> , "Caffeine as a Metabolic Probe: Validation of its Use for Acetylator Phenotyping," <i>Clinical Pharmacology &amp; Therapeutics</i> , 49(6): 648-657 (1991).
	AS	Kroemer, H.K. and Eichelbaum, M., "'It's the Genes, Stupid'. Molecular Bases and Clinical Consequences of Genetic Cytochrome P450 2D6 Polymorphism," <i>Life Sciences</i> , 56(26): 2285-2298 (1995).
	AT	Wong, P., <i>et al.</i> , "A Competitive Enzyme Linked Immunosorbent Assay for the Determination of N-acetyltransferase (NAT2) Phenotypes," <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 13(9): 1079-1086 (1995).
	AU	Wong, P., <i>et al.</i> , "Syntheses of Caffeine Metabolites Derivatives for Measuring CYP1A2 Activity by ELISA," Proceedings of the 90th Annual Meeting of the American Association for Cancer Research, 40:53 (1999).
	AV	Wolf, C.R. and Smith, G., "Chapter 18. Cytochrome P450 CYP2D6," <i>Metabolic Polymorphisms and Susceptibility to Cancer</i> , 148:209-229 (1999).

EXAMINER

DATE CONSIDERED